

IN THE CLAIMS

Please amend the claims as follows:

1. (Previously Presented): An illumination device, which is used in a document-reading device configured to irradiate light over at least a predetermined illumination width including a reading area having a predetermined reading width extending in a main scanning direction of a document and to read the light reflected from the document using an image-reading element, the illumination device comprising:

a point light source;

a light-guiding member having an incident surface opposed to a light-emitting surface of the point light source and a light-emitting surface opposed to the reading area;

a carriage configured to shift an illumination area in a sub-scanning direction; and

a support base configured to support and hold the point light source and the light-guiding member together as a unit, and to be attached to the carriage adjustably in the sub-scanning direction,

wherein an illumination area generated by the light irradiated from the point light source has a high illuminance distribution range of a substantially constant illuminance, and the high illuminance distribution range coincides substantially with the reading area.

2. (Previously Presented): The illumination device according to claim 1, comprising a plurality of point light sources that are arranged in the main scanning direction.

3. (Previously Presented): The illumination device according to claim 1, further comprising:

a reflector configured to surround a region over which the light emitted from the point light source is irradiated between the point light source and the incident surface of the light-

guiding member.

4. (Canceled)

5. (Previously Presented): The illumination device according to claim 1, further comprising:

a light-shielding member configured to shield a surface of the document located above the light-guiding member from the light emitted from the light-emitting surface of the light-guiding member.

6. (Previously Presented): The illumination device according to claim 1, further comprising:

an opposing reflector located at a position opposed to the light-emitting surface of the light-guiding member and beyond the reading area.

7-9. (Canceled)

10. (Original): The illumination device according to claim 1, wherein a surface except for the light-emitting and incident surfaces of the light-guiding member is configured to reflect light.

11. (Previously Presented): The illumination device according to claim 1, further comprising:

a plurality of the point light source that are arranged in the sub-scanning direction.

12. (Canceled)

13. (Original): The illumination device according to claim 1, wherein the predetermined reading width corresponds to a width in the sub-scanning direction over which the image reading element receives the light.

14. (Original): The illumination device according to claim 1, wherein the predetermined illumination width is equivalent to a width corresponding to a variation due to a manufacture tolerance of parts of the illumination device added to a width corresponding to a width in the sub-scanning direction over which the image reading element receives the light.

15-16. (Canceled)

17. (Currently Amended): A document reading device configured to irradiate light over at least a predetermined illumination width including a reading area having a predetermined reading width extending in a main scanning direction of a document and to read the light reflected from the document using an image-reading element, the document reading device comprising:

~~[[an]] the illumination device according to claim 1 comprising:~~

~~a point light source;~~

~~a light guiding member having an incident surface opposed to a light emitting surface of the point light source and a light emitting surface opposed to the reading area;~~

~~a carriage configured to shift an illumination area in a sub-scanning direction; and~~

~~a support base configured to support and hold the point light source and the light-guiding member together as a unit, and to be attached to the carriage adjustably in the sub-scanning direction,~~

~~wherein an illumination area generated by the light irradiated from the point light source has a high illuminance distribution range of a substantially constant illuminance, and the high illuminance distribution range coincides substantially with the reading area.~~

18-20. (Canceled)

21. (Currently Amended): An image forming apparatus comprising a document reading device configured to irradiate light over at least a predetermined illumination width including a reading area having a predetermined reading width extending in a main scanning direction of a document and to read the light reflected from the document using an image-reading element, the document reading device comprising:

[[an]] the illumination device according to claim 1 comprising:

~~point light source;~~

~~a light-guiding member having an incident surface opposed to a light-emitting surface of the point light source and a light-emitting surface opposed to the reading area;~~

~~a carriage configured to shift an illumination area in a sub-scanning direction; and~~

~~a support base configured to support and hold the point light source and the light-guiding member together as a unit, and to be attached to the carriage adjustably in the sub-scanning direction,~~

~~wherein an illumination area generated by the light irradiated from the point light source has a high illuminance distribution range of a substantially constant illuminance, and the high illuminance distribution range coincides substantially with the reading area.~~

22-28. (Canceled)

29. (New): An illumination device, which is used in a document-reading device configured to irradiate light over at least a predetermined illumination width including a reading area having a predetermined reading width extending in a main scanning direction of a document and to read the light reflected from the document using an image-reading element, the illumination device comprising:

a plurality of point light sources;

a point light source substrate including the plurality of point light sources aligned in the main scanning direction;

a light-guiding member having an incident surface opposed to a light-emitting surface of the point light source substrate and a light-emitting surface opposed to the reading area;

a carriage configured to shift an illumination area in a sub-scanning direction; and

a support base configured to hold the point light source substrate and the light-guiding member, and to be attached to the carriage adjustably in the sub-scanning direction.

30. (New): The illumination device according to Claim 29, wherein the point light source substrate provided on the support base has an inclined surface.

31. (New): The illumination device according to Claim 29, wherein the support base is configured to be movably mounted in the sub-scanning direction on a horizontal substrate of the carriage.

32. (New) The illumination device according to Claim 31, wherein the support base and the horizontal substrate of the carriage are fixed with a stopping member.

33. (New): A document reading device configured to irradiate light over at least a predetermined illumination width including a reading area having a predetermined reading width extending in a main scanning direction of a document and to read the light reflected from the document using an image-reading element, the document reading device comprising:

the illumination device according to claim 29.

34. (New): An image forming apparatus comprising a document reading device configured to irradiate light over at least a predetermined illumination width including a reading area having a predetermined reading width extending in a main scanning direction of a document and to read the light reflected from the document using an image-reading element, the document reading device comprising:

the illumination device according to claim 29.

35. (New): An illumination device, which is used in a document-reading device configured to irradiate light over at least a predetermined illumination width including a reading area having a predetermined reading width extending in a main scanning direction of a document and to read the light reflected from the document using an image-reading element, the illumination device comprising:

a point light source;

a light-guiding member having an incident surface opposed to a light-emitting surface of the point light source and a light-emitting surface opposed to the reading area;

a carriage configured to shift an illumination area in a sub-scanning direction; and  
a support base configured to support and hold the point light source and the light-guiding member together as a unit, and to be attached to the carriage adjustably in the sub-scanning direction.

36. (New): A document reading device configured to irradiate light over at least a predetermined illumination width including a reading area having a predetermined reading width extending in a main scanning direction of a document and to read the light reflected from the document using an image-reading element, the document reading device comprising:

the illumination device according to claim 35.

37. (New): An image forming apparatus comprising a document reading device configured to irradiate light over at least a predetermined illumination width including a reading area having a predetermined reading width extending in a main scanning direction of a document and to read the light reflected from the document using an image-reading element, the document reading device comprising:

the illumination device according to claim 35.